

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010421\
 Data File : VN065372.D
 Acq On : 4 Jan 2021 12:33
 Operator : JC/MD
 Sample : L5252-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3D-123020

Quant Time: Jan 05 00:56:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.630	168	267064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	449085	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	473902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	186893	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	151696	50.31	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.62%
35) Dibromofluoromethane	7.553	113	136835	50.50	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.00%
50) Toluene-d8	10.061	98	562039	55.35	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	110.70%
62) 4-Bromofluorobenzene	12.376	95	209046	51.84	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.68%

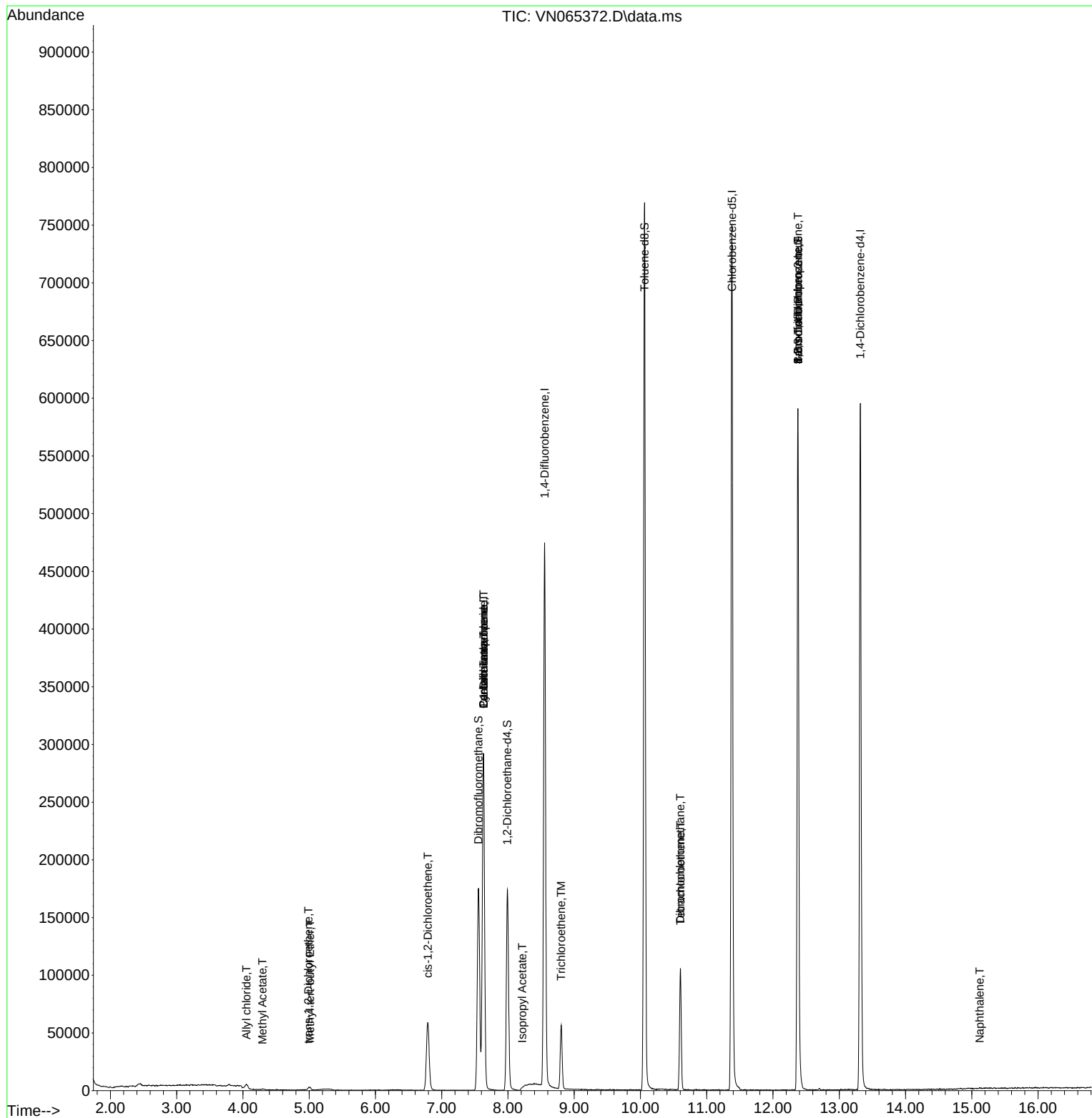
Target Compounds						Qvalue
14) Allyl chloride	4.052	41	1013	0.23	ug/l #	55
16) Acetone	3.795	43	2151	Below Cal	#	88
18) Methyl Acetate	4.293	43	1206	0.45	ug/l #	50
19) Methyl tert-butyl Ether	5.013	73	1888	0.23	ug/l #	54
21) trans-1,2-Dichloroethene	4.987	96	556	0.22	ug/l	97
27) cis-1,2-Dichloroethene	6.791	96	41588	13.88	ug/l	90
31) Cyclohexane	7.630	56	4341	0.98	ug/l #	1
36) 1,1-Dichloropropene	7.630	75	16814	4.12	ug/l #	49
38) Carbon Tetrachloride	7.630	117	22355	5.21	ug/l #	16
43) Isopropyl Acetate	8.216	43	1553	0.22	ug/l #	59
44) Trichloroethene	8.804	130	21738	6.20	ug/l	96
60) Dibromochloromethane	10.601	129	22645	6.27	ug/l #	10
64) Tetrachloroethene	10.605	164	26930	5.85	ug/l	94
71) Bromoform	12.376	173	1416	0.44	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	101600	26.65	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	101600	67.19	ug/l #	15
95) Naphthalene	15.119	128	362	3.41	ug/l #	69

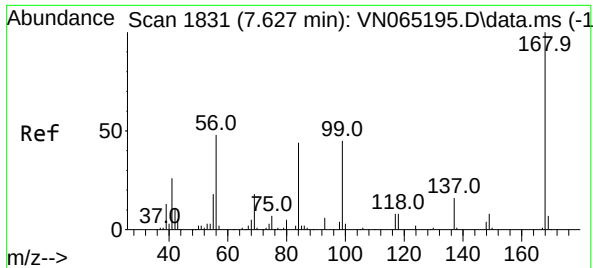
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 22 15:42:18 2020
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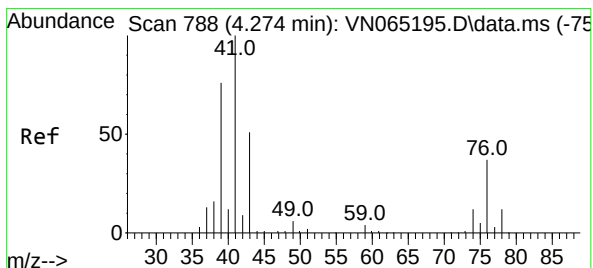
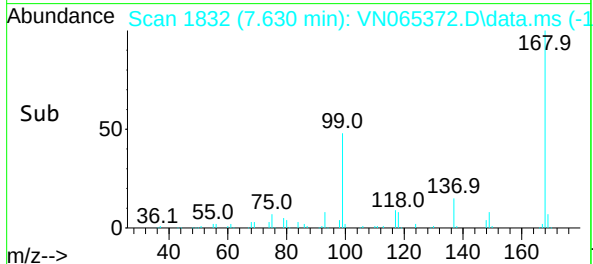
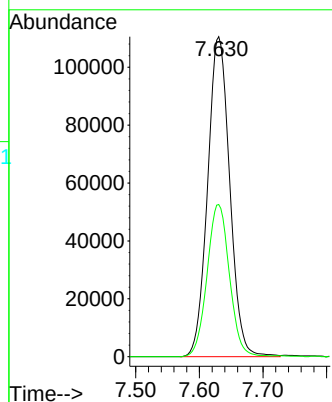
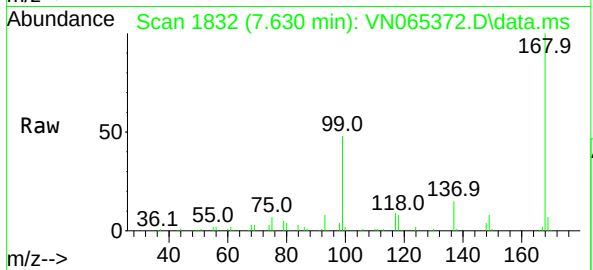




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN065372.D
Acq: 4 Jan 2021 12:33

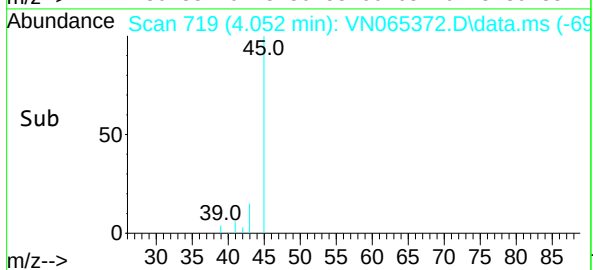
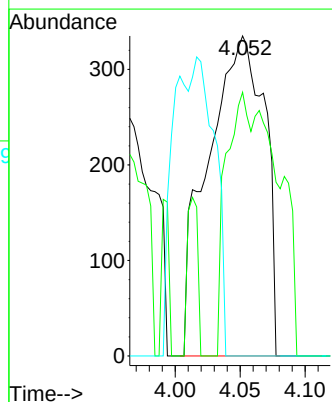
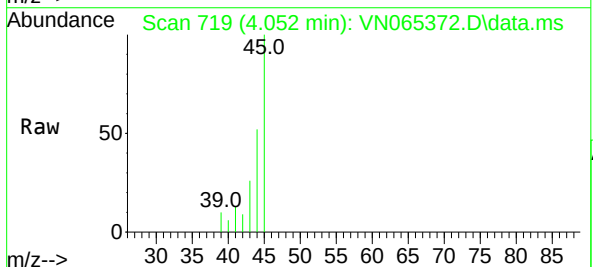
Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020

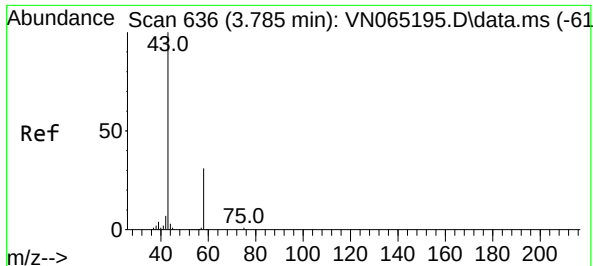
Tgt Ion:168 Resp: 267064
Ion Ratio Lower Upper
168 100
99 47.6 43.0 64.4



#14
Allyl chloride
Concen: 0.23 ug/l
RT: 4.052 min Scan# 719
Delta R.T. -0.222 min
Lab File: VN065372.D
Acq: 4 Jan 2021 12:33

Tgt Ion: 41 Resp: 1013
Ion Ratio Lower Upper
41 100
39 35.7 50.9 76.3#
76 0.0 29.0 43.4#

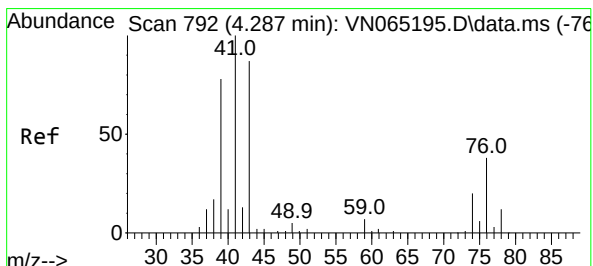
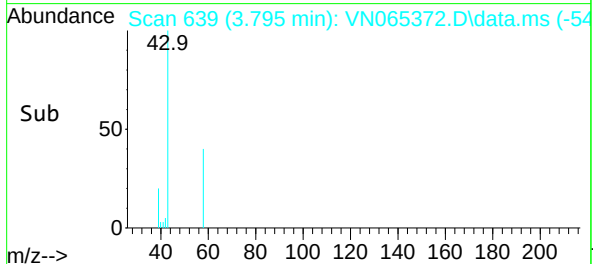
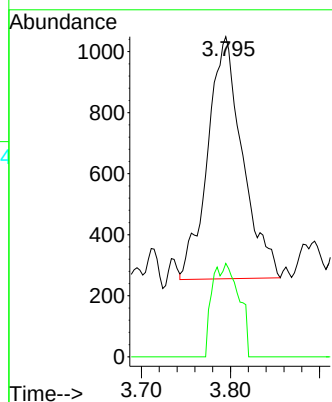
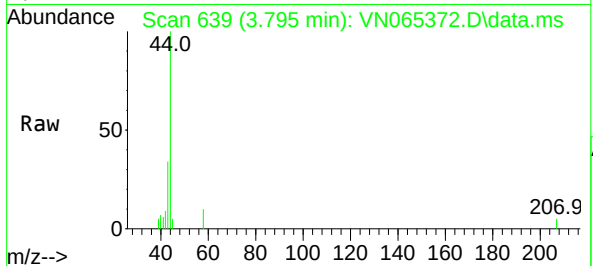




#16
Acetone
Concen: Below Cal
RT: 3.795 min Scan# 639
Delta R.T. 0.010 min
Lab File: VN065372.D
Acq: 4 Jan 2021 12:33

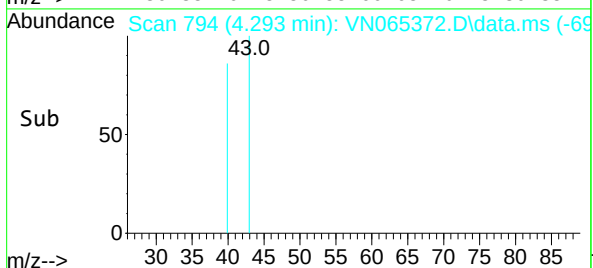
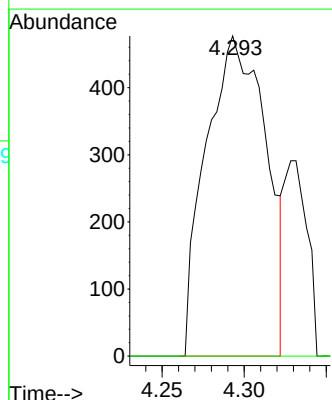
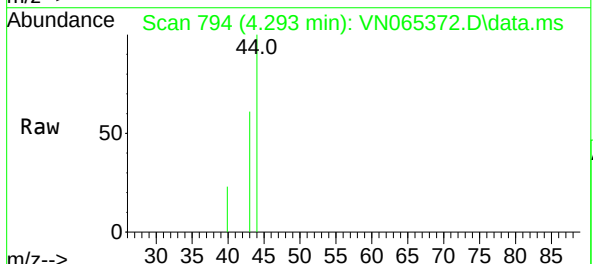
Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020

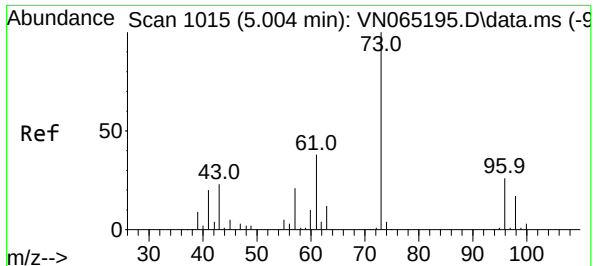
Tgt Ion: 43 Resp: 2151
Ion Ratio Lower Upper
43 100
58 38.7 25.7 38.5#



#18
Methyl Acetate
Concen: 0.45 ug/l
RT: 4.293 min Scan# 794
Delta R.T. 0.006 min
Lab File: VN065372.D
Acq: 4 Jan 2021 12:33

Tgt Ion: 43 Resp: 1206
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



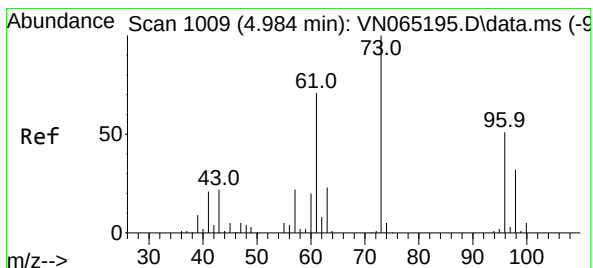
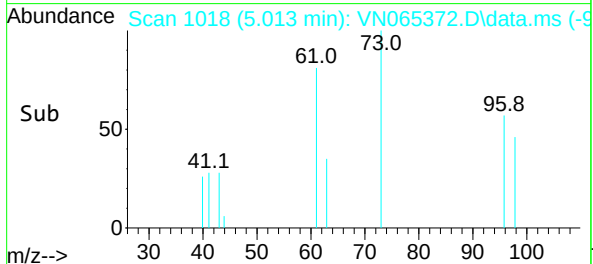
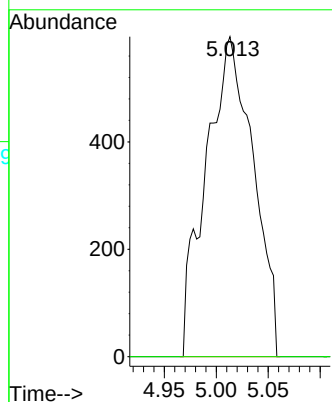
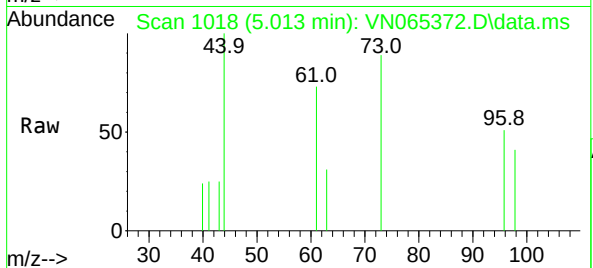


#19

Methyl tert-butyl Ether
Concen: 0.23 ug/l
RT: 5.013 min Scan# 1018
Delta R.T. 0.009 min
Lab File: VN065372.D
Acq: 4 Jan 2021 12:33

Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020

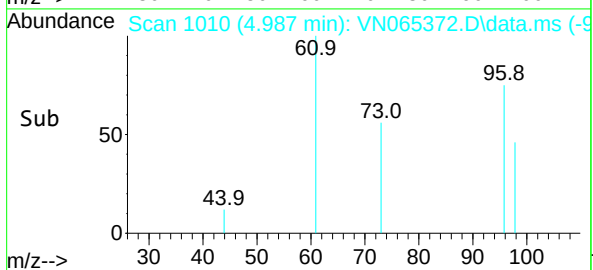
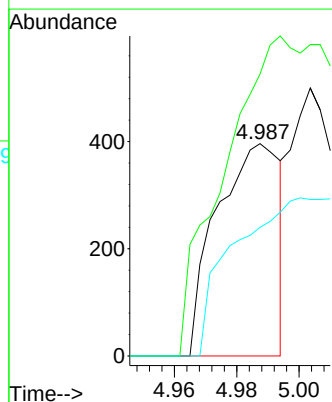
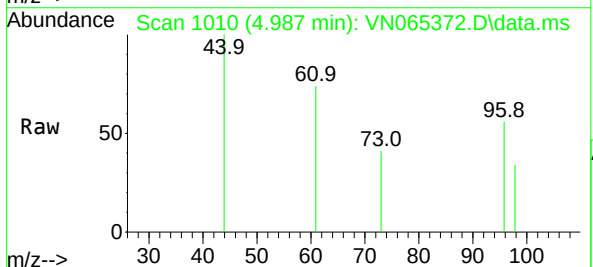
Tgt Ion: 73 Resp: 1888
Ion Ratio Lower Upper
73 100
57 0.0 17.4 26.0#

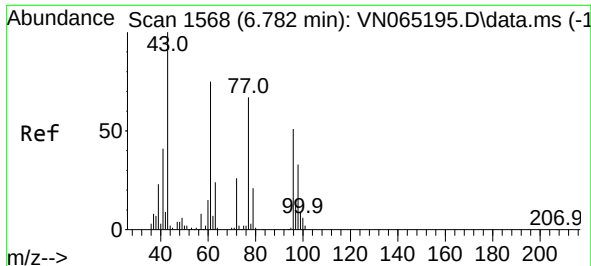


#21

trans-1,2-Dichloroethene
Concen: 0.22 ug/l
RT: 4.987 min Scan# 1010
Delta R.T. 0.003 min
Lab File: VN065372.D
Acq: 4 Jan 2021 12:33

Tgt Ion: 96 Resp: 556
Ion Ratio Lower Upper
96 100
61 132.8 108.4 162.6
98 60.6 51.3 76.9

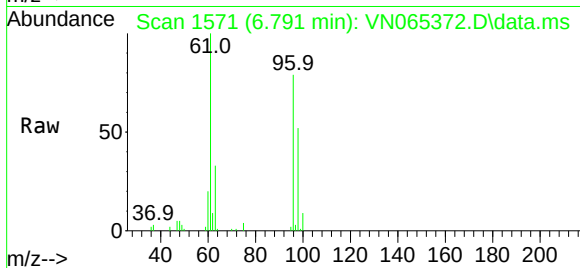




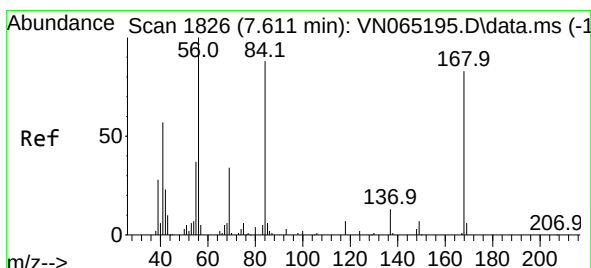
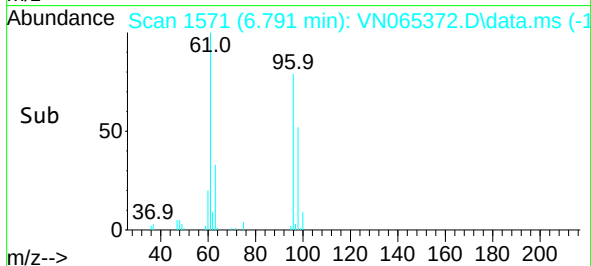
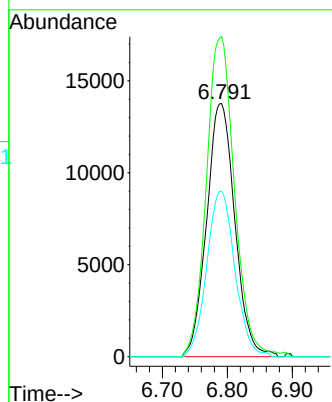
#27

cis-1,2-Dichloroethene
Concen: 13.88 ug/l
RT: 6.791 min Scan# 1571
Delta R.T. 0.009 min
Lab File: VN065372.D
Acq: 4 Jan 2021 12:33

Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020

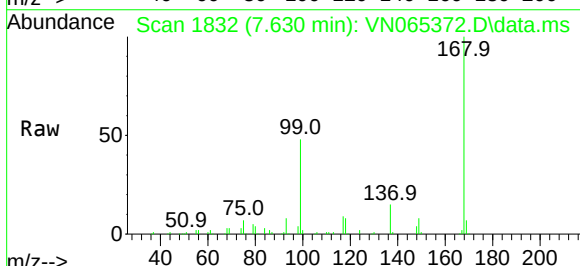


Tgt Ion:	96	Resp:	41588
Ion	Ratio	Lower	Upper
96	100		
61	125.6	0.0	285.8
98	65.1	0.0	130.6

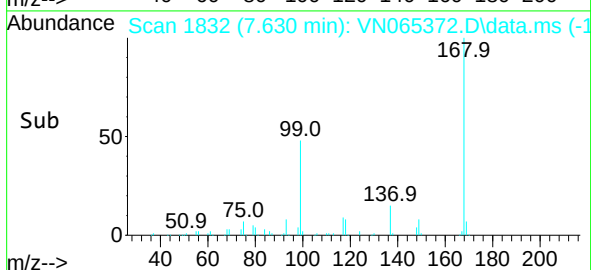
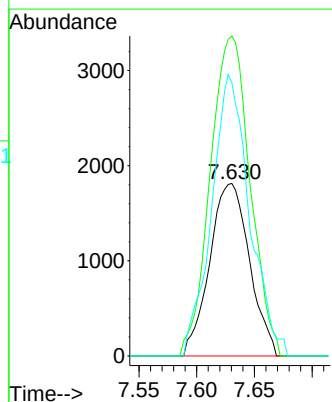


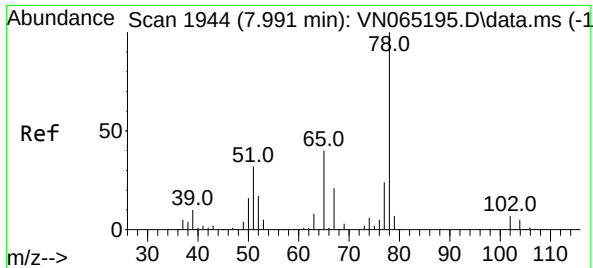
#31

Cyclohexane
Concen: 0.98 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.019 min
Lab File: VN065372.D
Acq: 4 Jan 2021 12:33



Tgt Ion:	56	Resp:	4341
Ion	Ratio	Lower	Upper
56	100		
69	185.4	27.5	41.3#
84	158.4	73.9	110.9#

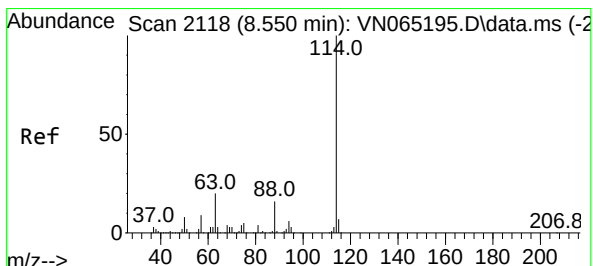
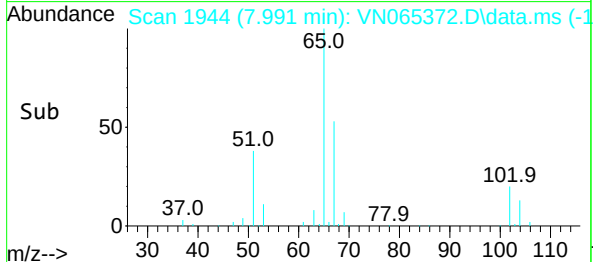
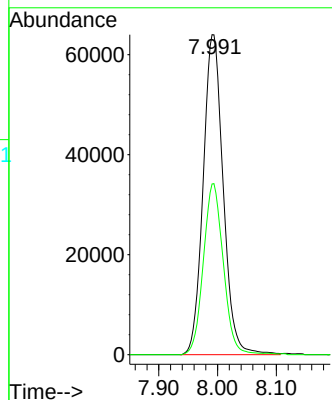
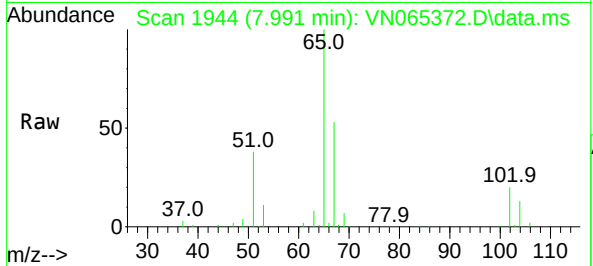




#33
1,2-Dichloroethane-d4
Concen: 50.31 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065372.D
Acq: 4 Jan 2021 12:33

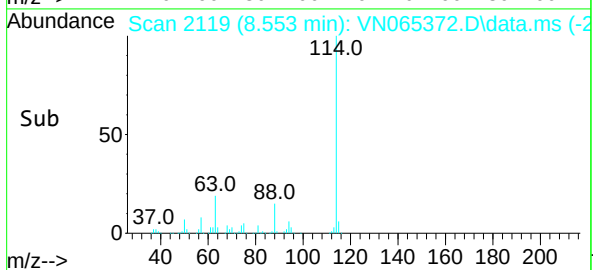
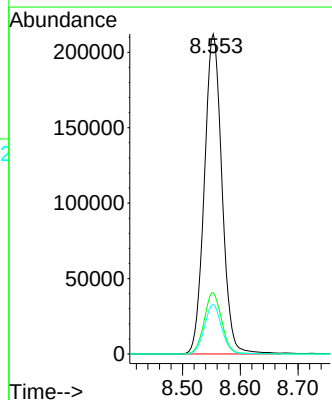
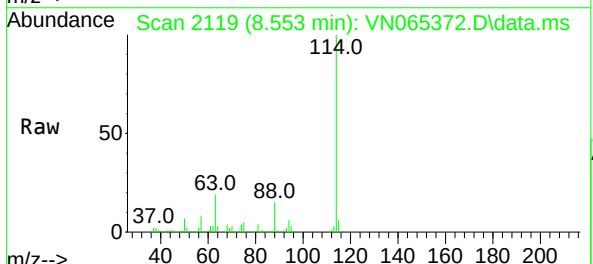
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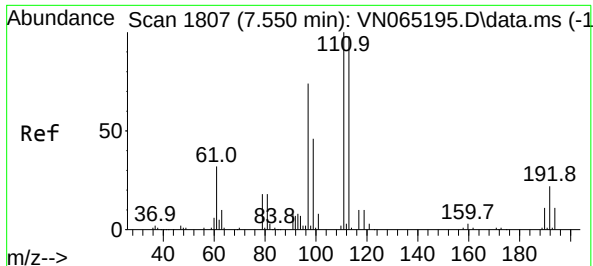
Tgt Ion: 65 Resp: 151696
Ion Ratio Lower Upper
65 100
67 53.0 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065372.D
Acq: 4 Jan 2021 12:33

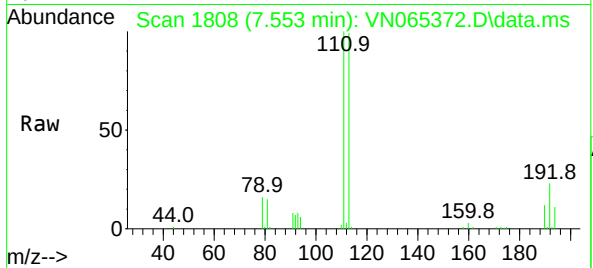
Tgt Ion: 114 Resp: 449085
Ion Ratio Lower Upper
114 100
63 19.1 0.0 38.6
88 15.5 0.0 32.6



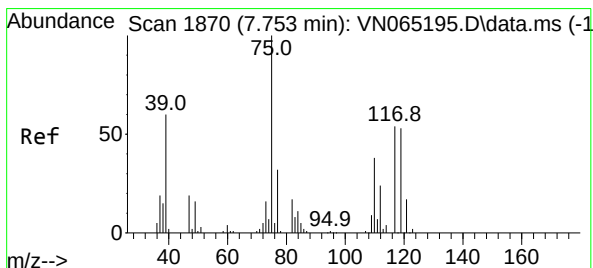
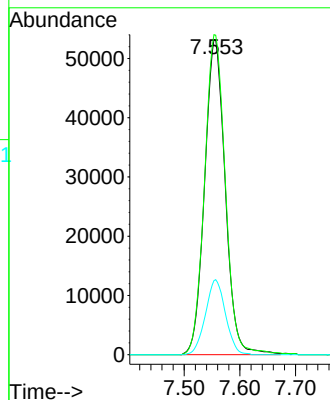
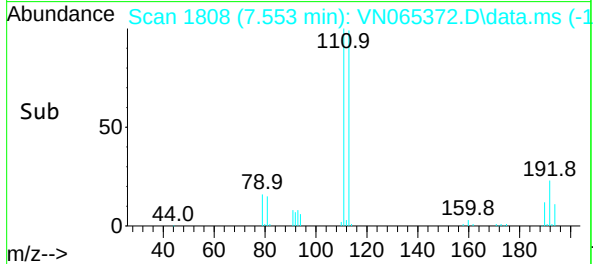


#35
Dibromofluoromethane
Concen: 50.50 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065372.D
Acq: 4 Jan 2021 12:33

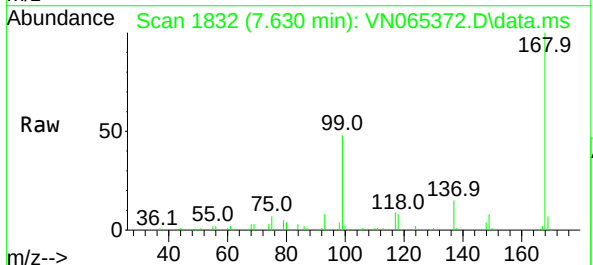
Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020



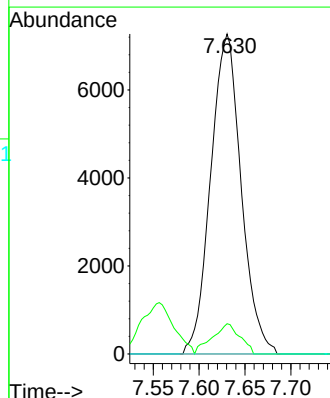
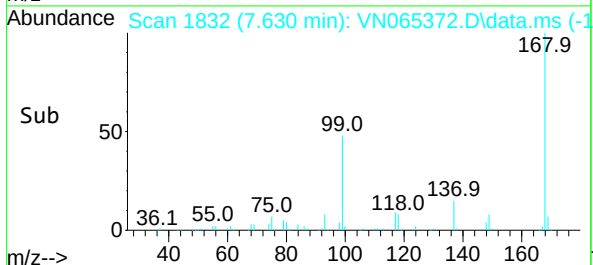
Tgt Ion:113 Resp: 136835
Ion Ratio Lower Upper
113 100
111 101.6 81.6 122.4
192 23.1 16.2 24.2

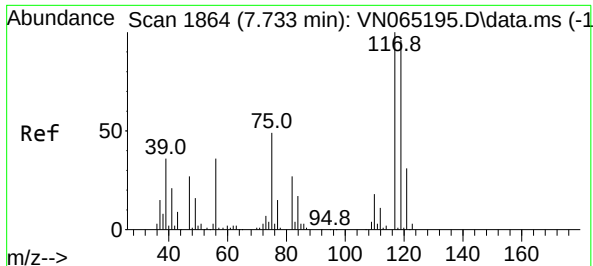


#36
1,1-Dichloropropene
Concen: 4.12 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.123 min
Lab File: VN065372.D
Acq: 4 Jan 2021 12:33



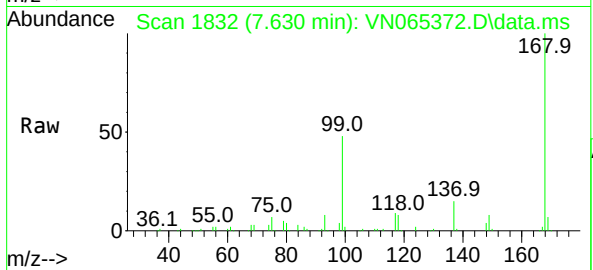
Tgt Ion: 75 Resp: 16814
Ion Ratio Lower Upper
75 100
110 8.6 17.8 53.3#
77 0.0 25.0 37.4#



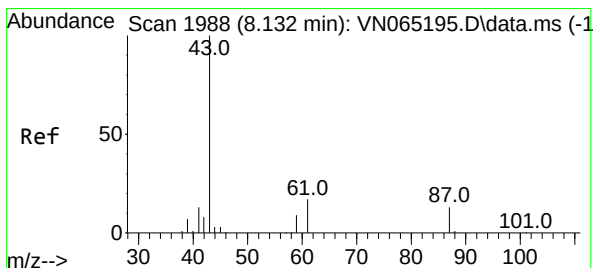
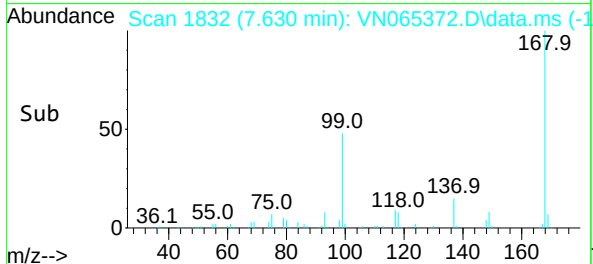
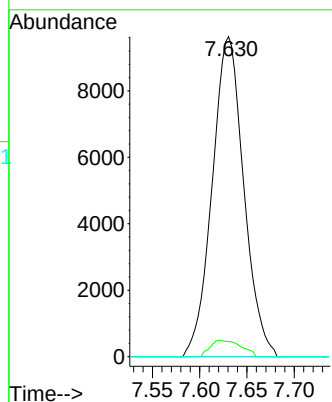


#38
Carbon Tetrachloride
Concen: 5.21 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.103 min
Lab File: VN065372.D
Acq: 4 Jan 2021 12:33

Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020

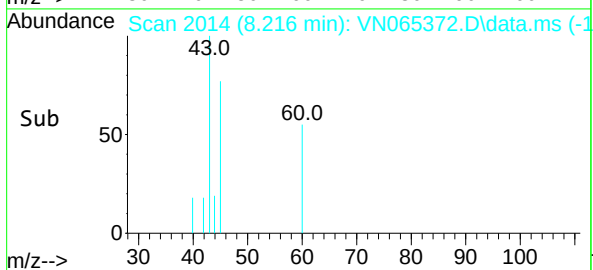
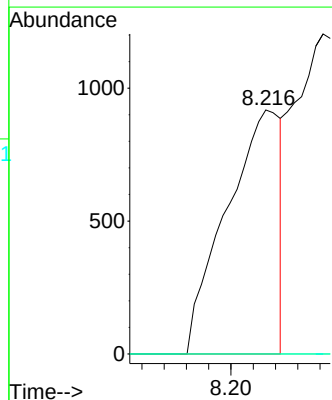
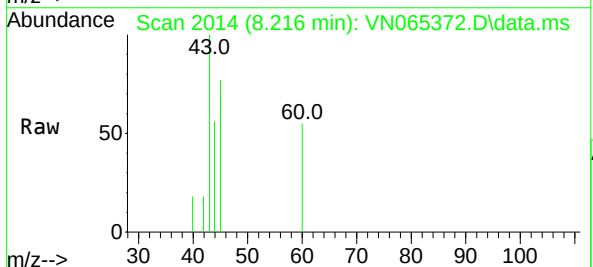


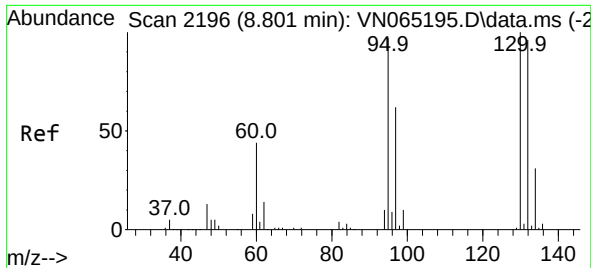
Tgt Ion:117 Resp: 22355
Ion Ratio Lower Upper
117 100
119 4.8 76.7 115.1#
121 0.0 25.4 38.2#



#43
Isopropyl Acetate
Concen: 0.22 ug/l
RT: 8.216 min Scan# 2014
Delta R.T. 0.084 min
Lab File: VN065372.D
Acq: 4 Jan 2021 12:33

Tgt Ion: 43 Resp: 1553
Ion Ratio Lower Upper
43 100
61 0.0 17.2 25.8#
87 0.0 11.4 17.0#

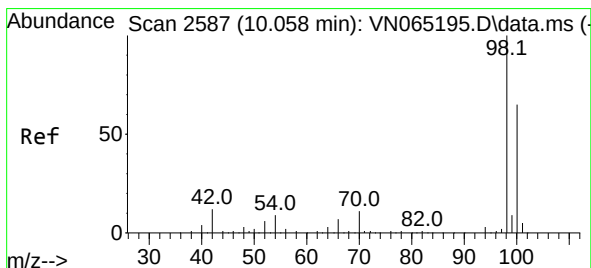
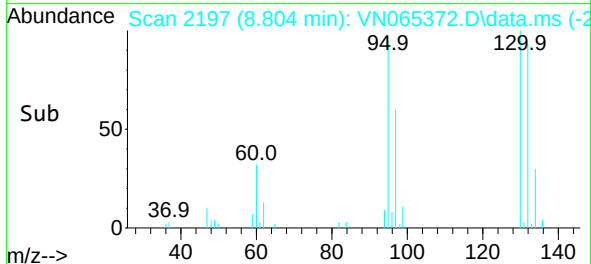
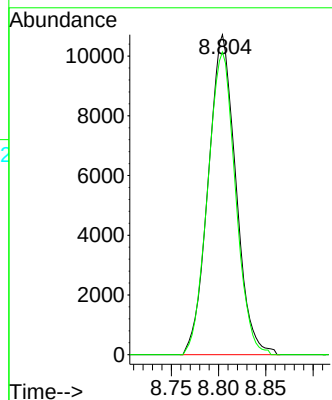
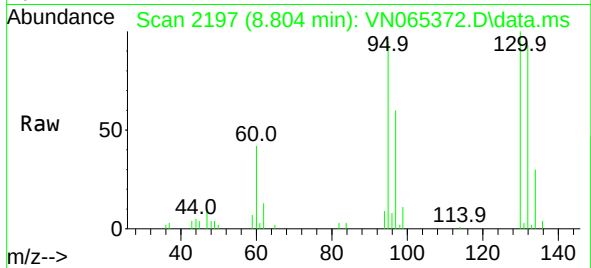




#44
Trichloroethene
Concen: 6.20 ug/l
RT: 8.804 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VN065372.D
Acq: 4 Jan 2021 12:33

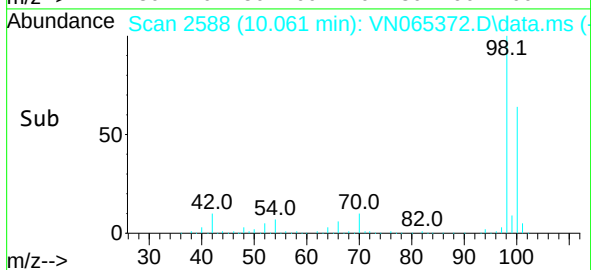
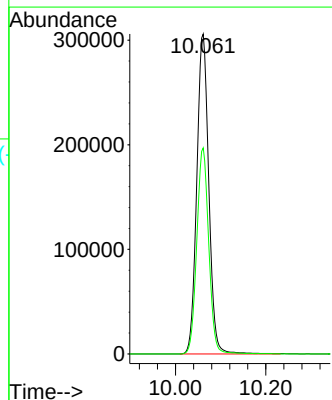
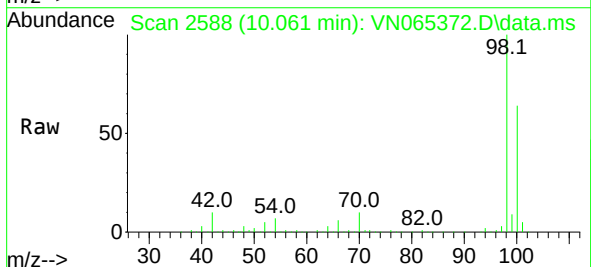
Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020

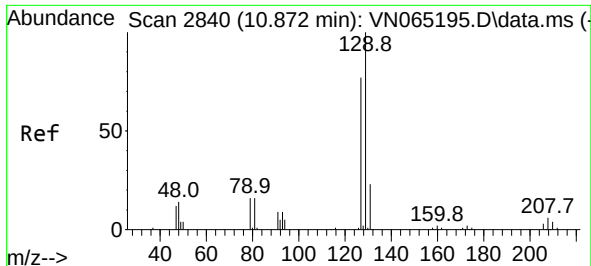
Tgt Ion:130 Resp: 21738
Ion Ratio Lower Upper
130 100
95 94.6 0.0 197.8



#50
Toluene-d8
Concen: 55.35 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065372.D
Acq: 4 Jan 2021 12:33

Tgt Ion: 98 Resp: 562039
Ion Ratio Lower Upper
98 100
100 64.0 51.7 77.5

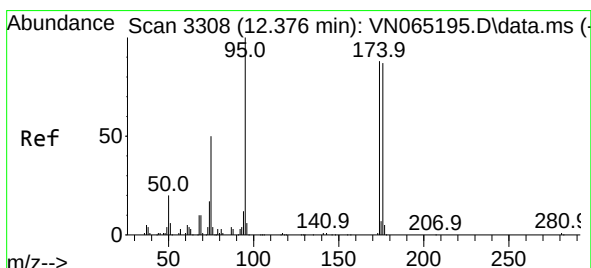
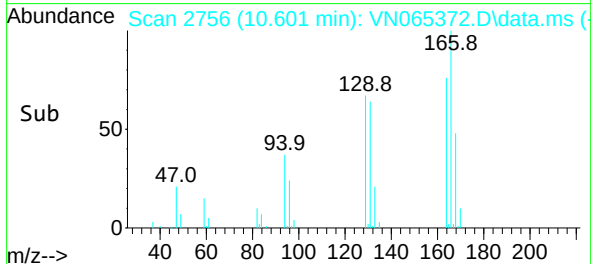
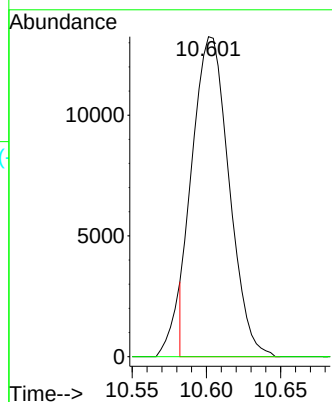
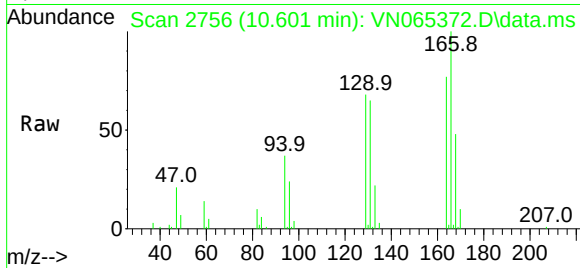




#60
Dibromochloromethane
Concen: 6.27 ug/l
RT: 10.601 min Scan# 2756
Delta R.T. -0.271 min
Lab File: VN065372.D
Acq: 4 Jan 2021 12:33

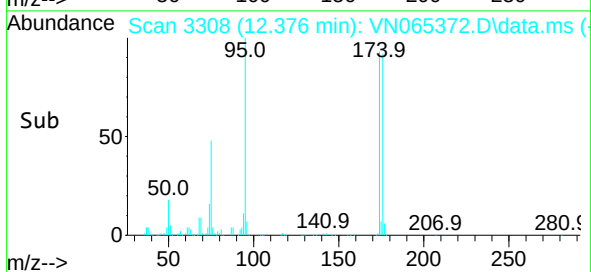
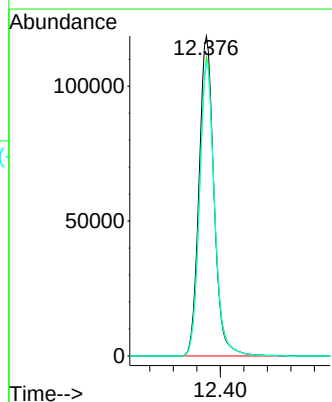
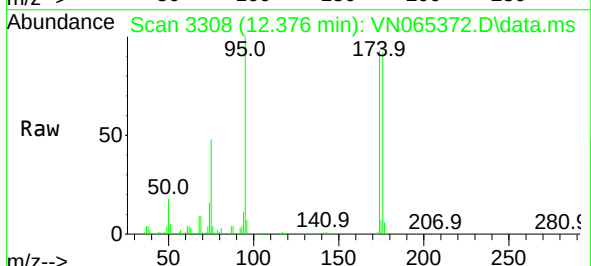
Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020

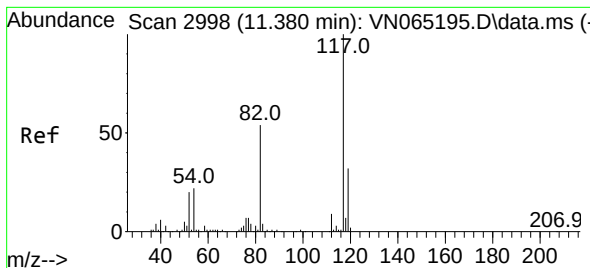
Tgt Ion:129 Resp: 22645
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.2#



#62
4-Bromofluorobenzene
Concen: 51.84 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065372.D
Acq: 4 Jan 2021 12:33

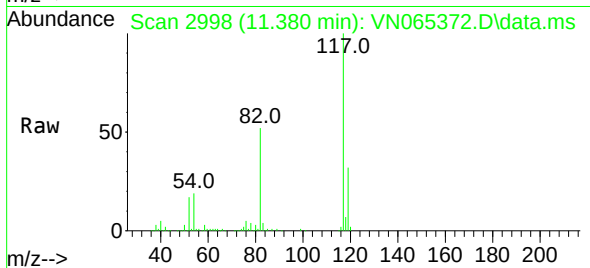
Tgt Ion: 95 Resp: 209046
Ion Ratio Lower Upper
95 100
174 93.9 0.0 160.4
176 92.1 0.0 158.4



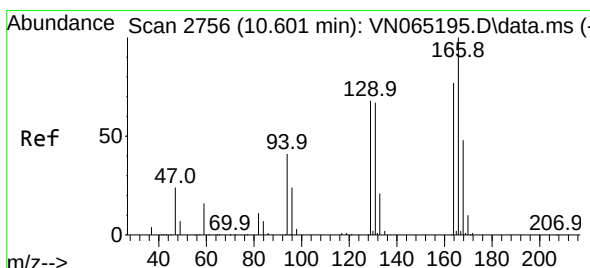
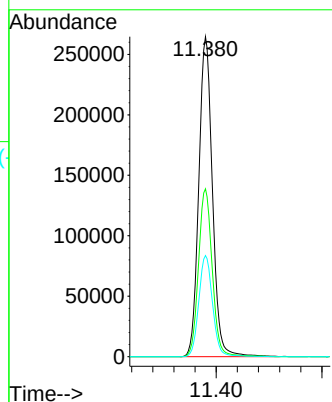
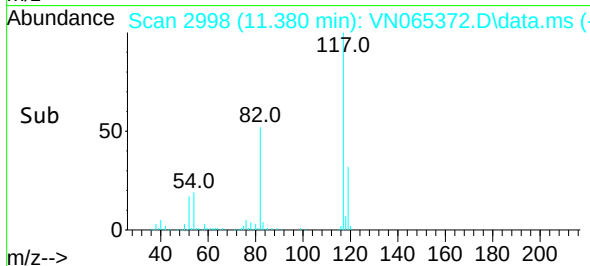


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065372.D
Acq: 4 Jan 2021 12:33

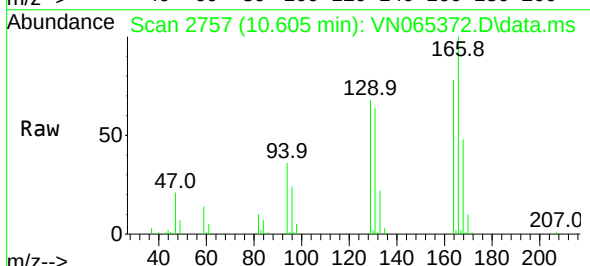
Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020



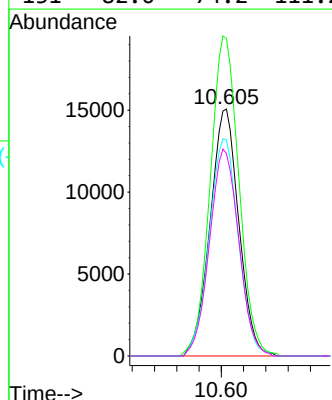
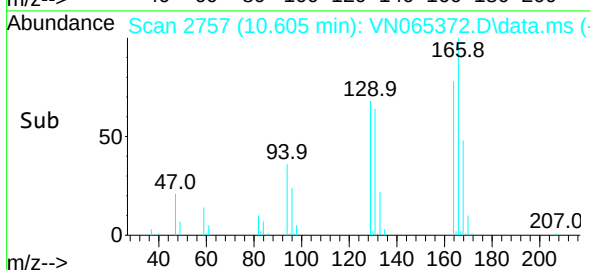
Tgt Ion:117 Resp: 473902
Ion Ratio Lower Upper
117 100
82 52.5 44.2 66.2
119 31.6 25.8 38.6

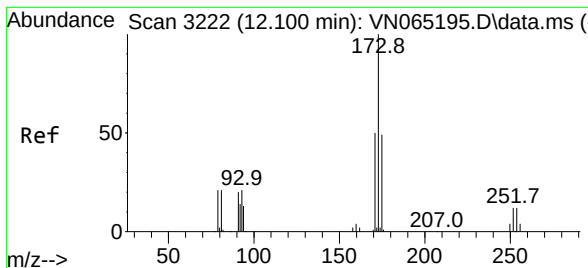


#64
Tetrachloroethene
Concen: 5.85 ug/l
RT: 10.605 min Scan# 2757
Delta R.T. 0.004 min
Lab File: VN065372.D
Acq: 4 Jan 2021 12:33



Tgt Ion:164 Resp: 26930
Ion Ratio Lower Upper
164 100
166 128.5 101.4 152.0
129 87.5 76.1 114.1
131 82.0 74.2 111.2

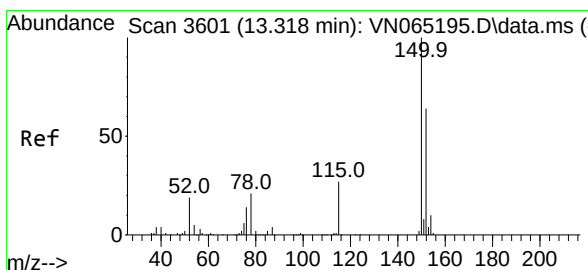
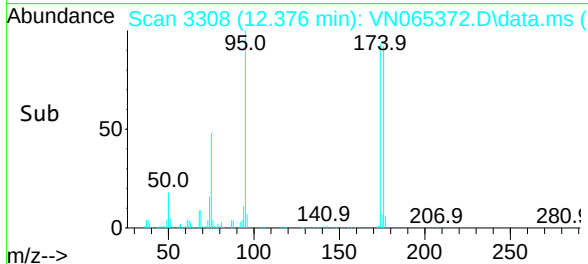
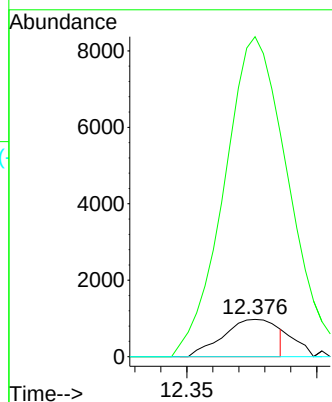
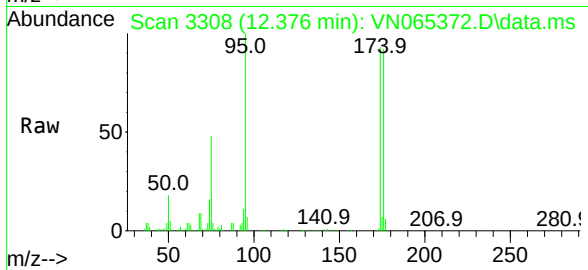




#71
Bromoform
Concen: 0.44 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065372.D
Acq: 4 Jan 2021 12:33

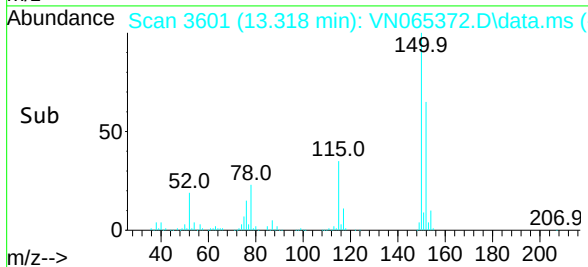
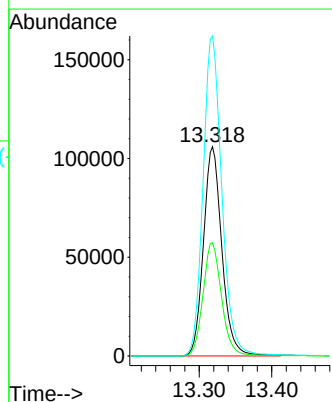
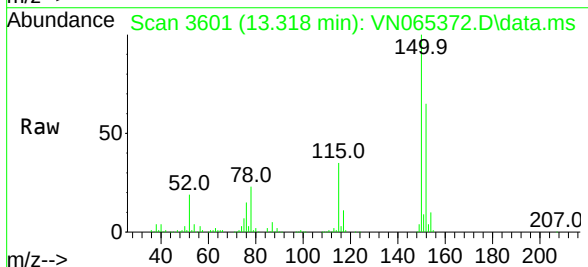
Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020

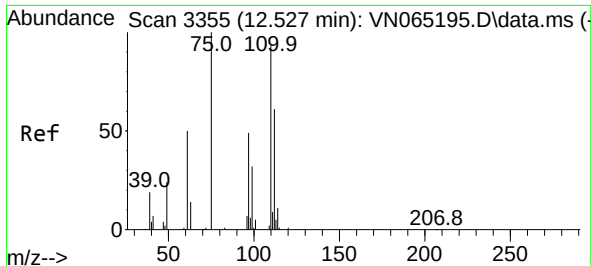
Tgt Ion:173 Resp: 1416
Ion Ratio Lower Upper
173 100
175 825.6 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065372.D
Acq: 4 Jan 2021 12:33

Tgt Ion:152 Resp: 186893
Ion Ratio Lower Upper
152 100
115 54.7 29.7 89.1
150 155.9 0.0 350.6

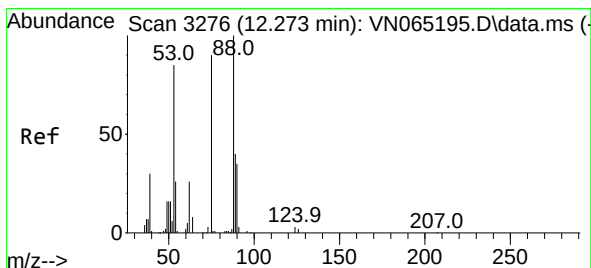
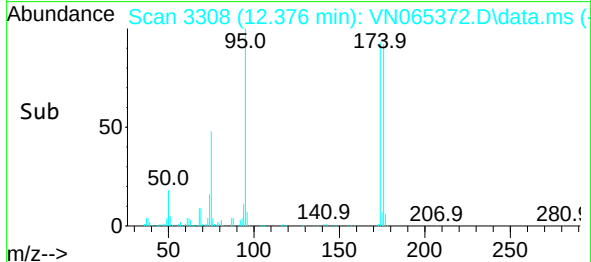
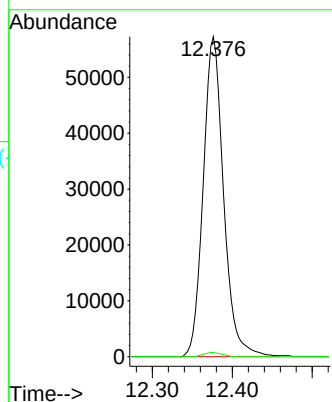
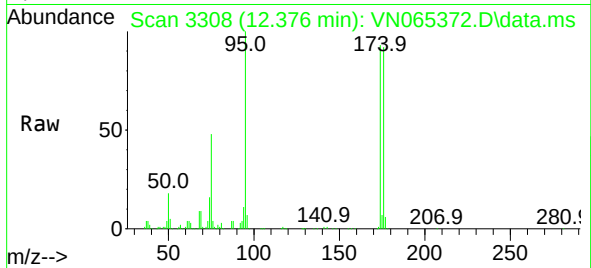




#76
1,2,3-Trichloropropane
Concen: 26.65 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065372.D
Acq: 4 Jan 2021 12:33

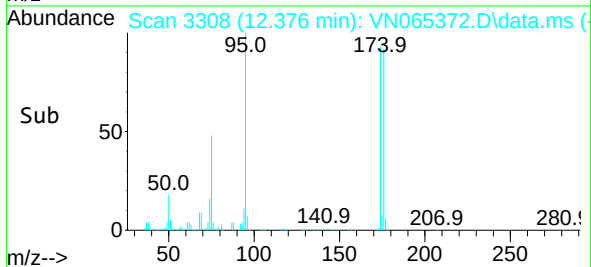
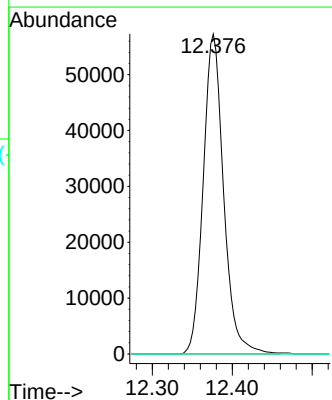
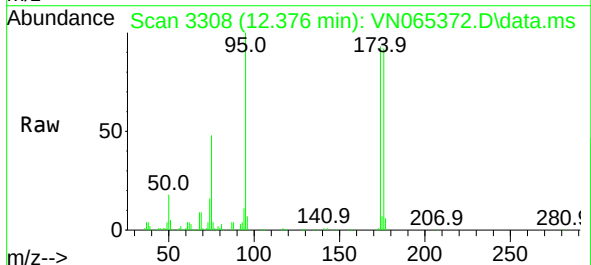
Instrument :
MSVOA_N
ClientSampleId :
MW-3D-123020

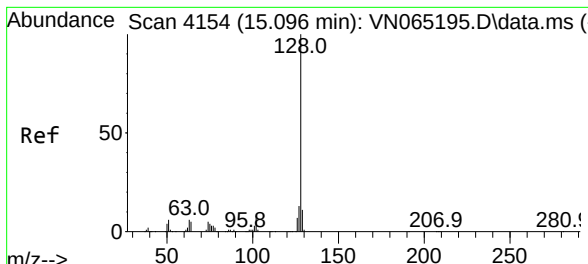
Tgt Ion: 75 Resp: 101600
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.19 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065372.D
Acq: 4 Jan 2021 12:33

Tgt Ion: 75 Resp: 101600
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#





#95
 Naphthalene
 Concen: 3.41 ug/l
 RT: 15.119 min Scan# 4161
 Delta R.T. 0.023 min
 Lab File: VN065372.D
 Acq: 4 Jan 2021 12:33

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3D-123020

Tgt Ion:	128	Resp:	362
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.7	13.1#

